

How to run the burn-in test (smallest description more to come...)

1. Open the GUI "saseq_run2b.tcl" (there is an icon in the desktop). This will pop up a GUI that has many buttons which allow to enable/disable the SASeqs, download the chips and also take runs (in data mode or cal-inject) storing the "raw data" as an output. This is a bit more detailed and we may discussed it later.
This GUI has a button in the top right, "Burn-in test", that opens another GUI (see 2).

2. The "Long term test main panel" opened in -1- is the main burn-in GUI. You have to enter some basic information before running the test:
 - enter the number of runs
 - enter the delay (in minutes) between runs
 - enter the name of the devices to burn-in (L2A_13_d)
 - select the type of device ("L2" means 2 chipper, "L10" means 10 chippers and so on)
 - select the type of bias (on/off)
 - click the "Start ped/noise test" button

This will start the burn-in test for all the devices one at time.

3. When the test finishes you can create a summary file with plots for the last run by doing the following:
 - open a Command Prompt (CMD). To do this you can either click on the corresponding icon or go to "Start" → "run..." and type "cmd". This will bring a new screen in which you will type the following commands
 - type "cd run2b\work\results\<name of the device>"
 - type "pawnt" and press "Enter" a couple of times. This will pop up a screen in which plots will appear
 - type "exec plot" and press "Enter". This will make the first plot
 - click in the window that has the plot and keep pressing "Enter" until the last plot is created
 - click on the CMD window and press "Enter". Then, type "exit"
 - Now you can close everything and go to -4- to see the results
4. To see the basic plots:
 - go to the directory where things were stored: open the Explorer or "Mi PC" and search for the directory "c:/run2b/work/results/<name of the device>" and look for the file "<name of the device>_summary.ps".